WHAT WE CLAIM IS:

- 1. A ligand for peroxisome proliferator-activated receptor which comprises curcumin or its derivative.
- 2. The ligand for peroxisome proliferator-activated receptor according to Claim 1,

wherein said peroxisome proliferator-activated receptor is a peroxisome proliferator-activated receptor γ .

3. A composition for preventing and/or improving Insulin Resistance Syndrome,

which comprises at least one selected from the group consisting of curcumin and its derivatives as an active agent.

4. A composition for preventing and/or improving diabetes mellitus,

which comprises at least one selected from the group consisting of curcumin and its derivatives as an active agent.

5. A composition for preventing and/or improving obesity or visceral fat obesity,

which comprises at least one selected from the group consisting of curcumin and its derivatives as an active agent.

- 6. The composition according to any of Claims 3 to 5, which is applicable for foods and drinks.
- 7. The composition according to any of Claims 3 to 5, which is applicable for pharmaceuticals.
- 8. The composition according to any of Claims 3 to 5, which can be given to domestic animals or pets.